

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001075

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: E02F 9/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: E02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4642920 A (P.A. LEHNHOFF), 17 February 1987 (17.02.1987) --	
A	US 4050172 A (G.A. PETERSEN), 27 Sept 1977 (27.09.1977) --	
A	GB 1297827 A (REDHURST ENGINEERING COMPANY), 29 November 1972 (29.11.1972) --	
A	US 5778570 A (P. EICHELBERGER), 14 July 1998 (14.07.1998) --	

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

4 October 2004

Date of mailing of the international search report

12-10-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2167425 A (J.W. PAGE), 25 July 1939 (25.07.1939) --	
A	US 2385395 A (J. BAER), 25 Sept 1945 (25.09.1945) -- -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

03/09/2004

International application No.

PCT/SE 2004/001075

US	4642920	A	17/02/1987	AU	582512	B	23/03/1989
				AU	5079885	A	12/06/1986
				BR	8506287	A	26/08/1986
				CA	1248997	A	17/01/1989
				CN	1006405	B	10/01/1990
				CN	85108788	A	10/06/1986
				DE	3444563	A,C	19/06/1986
				DE	3569139	D	00/00/0000
				EP	0184209	A,B	11/06/1986
				ES	296768	U,Y	16/01/1988
				JP	1936771	C	09/06/1995
				JP	6051983	B	06/07/1994
				JP	61137931	A	25/06/1986
				ZA	8509332	A	27/08/1986

US	4050172	A	27/09/1977	DE	2404751	A	22/08/1974
				IT	1051568	B	20/05/1981
				JP	49111801	A	24/10/1974

GB	1297827	A	29/11/1972	NONE
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US	5778570	A	14/07/1998	AT	136968	T	15/05/1996
				CA	2163164	A,C	18/05/1997
				DE	59400217	D	00/00/0000
				EP	0649945	A,B	26/04/1995
				SE	0649945	T3	
				ES	2088698	T	16/08/1996

US	2167425	A	25/07/1939	NONE
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US	2385395	A	25/09/1945	NONE
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